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RESULT 1
US-09-016-869B-35
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                                                                               COMPUTER READABLE FORM:
MEDIDM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPad
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/016,869B
FILING DATE: 30-JAN-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/893,274
FILING DATE: 15-JUL-1994
PRIOR APPLICATION NUMBER: US 08/893,274
PRIOR APPLICATION NUMBER: US 08/306,511
FILING DATE: 14-SEP-1994
PRIOR APPLICATION LOTA:
APPLICATION NUMBER: US 08/248,812
PRIOR APPLICATION NUMBER: US 08/27,371
PRIOR APPLICATION NUMBER: US 08/27,371
PRIOR APPLICATION NUMBER: US 08/227,371
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Serrano, Manuel APPLICANT: Hannon, Gregory J. TITLE OF INVENTION: Cell-Cycle Regulatory Proteins, TITLE OF INVENTION: Uses Related Thereto NUMBER OF SEQUENCES: 35
CORRESPONDENCE ADDRESS:
                                            PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: MA
COUNTRY: USA
ZIP: 02110
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CITY: Boston
STATE: MA
                                                                       FILING DATE:
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Demetrick, Douglas J.
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MBER: US 08/154,915
18-NOV-1993
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US-09-016-869B-33
US-09-016-750C-13
US-09-016-750C-13
US-09-016-750C-8
US-09-016-869B-13
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Sequence 13, Appl
Sequence 13, Appl
Sequence 13, Appl
Sequence 13, Appl
Sequence 8, Appli
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Sequence 6, Appli
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Sequence 11, Appl
Sequence 11, Appl
Sequence 11, Appl
Sequence 14, Appl
Sequence 14, Appl
Sequence 14, Appl
Sequence 14, Appl
Sequence 1907, Ap
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Minimum Maximum

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length: 0 length: 2000000000

Searched:

number of hits satisfying chosen parameters:

417779 seqs, 108206813 residues

Scoring table:

BLOSUM62

Gapop 10.0 , Gapext 0.5

Title: Perfect score:

US-09-016-869B-35 760

MEPSADWLATAAARGRVEEV.....TRGSNHARIDAAEGPSDIPD 148

OM protein -

protein search, using sw model

GenCore version 5.1.6 Copyright (c) 1993 - 2003 Compugen Ltd.

June 18, 2003, 10:08:56; Search time 21 Seconds (without alignments) 762.600 Million cell updates/sec

Database

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

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Sequence 35, Appli Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 1908, Ap Sequence 1908, Ap Sequence 1908, Ap Sequence 41, Appl Sequence 26, Appli Sequence 26, Appli Sequence 28, Appli Sequence 28, Appli Sequence 27, Appli Sequence 24, Appli Sequence 24, Appli Sequence 24, Appli Sequence 24, Appli Sequence 24, Appli Sequence 24, Appli Sequence 12, Appli Sequence 12, Appli	peep

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RESULT 2
US-09-947-206-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 100.0%; Score 760; DB 10; St Local Similarity 100.0%; Pred. No. 5.9e-69; Liches 148; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: (617) 951-7739
TELEPAX: (617) 951-7739
TELEFAX: (617) 951-7050
INFORMATION FOR SEQ ID NO: 35:
                                                                                                                                                                                                      COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: Elop PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION NUMBER: US/09/947,206
FILING DATE: 04-Sep-2001
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: GPCI-P10-071
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 0 FILING DATE: 17-DEC-1992
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Serrano, Manuel
Hannon, Gregory J.
TITLE OF INVENTION: CELL-CYCLE REGULATORY PROTEINS, AND USES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
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                                                                                                                          APPLICATION NUMBER: 09/016,750 FILING DATE: 1998-01-03 APPLICATION NUMBER: US 08/306,511 FILING DATE: 14-SEP-1994
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        APPLICATION NUMBER: US 08/154,915 FILING DATE: 18-NOV-1993
                                                FILING DATE: 14-APR-1994
                                                                   APPLICATION NUMBER: US 08/227,371
                                                                                      APPLICATION NUMBER: US 08/248,812 FILING DATE: 25-MAY-1994
                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: FOLEY, HOAG & ELIOT STREET: One Post Office Square
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          PRIOR APPLICATION NUMBER: US 08/893,274
APPLICATION NUMBER: US 08/893,274
FILING DATE: 15-JUL-1997
PRIOR APPLICATION NUMBER: US 08/306,511
FILING DATE: 14-SEP-1994
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MEDIUM TYPE: Floppy
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APPLICATION NUMBER: US
PRIOR APPLICATION DATA:
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TITLE OF INVENTION: RELATED THERETO
NUMBER OF SEQUENCES: 17
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ADDRESSEE: FOLEY, HO
                                                                                                                                                                                                                   COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                           FILING DATE:
                                                                                                                                                                                                    SOFTWARE:
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ZIP: 02109-2170
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P.
REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: MIV-071.13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 07/963,308 FILING DATE: 16-OCT-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US 07/991,997 FILING DATE: 17-DEC-1992
                                                                                                                                                                                                                                                                                                                                                                                    One Post Office Square
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Demetrick, Douglas J.
Serrano, Manuel
Hannon, Gregory J.
VENTION: CELL-CYCLE REGULATORY PROTEINS, AND USES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Beach, David H.
                                                                                                                                                                                                PatentIn Release #1.0, Version
                                                                                                                                                                                                                                                           Floppy disk
                                                                                                                                         30-JAN-1998
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Pred. No. 6.3e-69;
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US-09-016-750C-2
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Patent No. US20020082392A1
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Best Local Similarity
Matches 148; Conserv
                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
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APPLICANT:
APPLICANT:
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                                                                                                                                                                APPLICANT: Serrano, Manuel
APPLICANT: Hannon, Gregory J.
TITLE OF INVENTION: Cell-Cycle Regulatory Proteins,
TITLE OF INVENTION: Uses Related Thereto
NUMBER OF SEQUENCES: 35
         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 17-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/963,308
FILING DATE: 16-OCT-1992
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE:
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NAME: Vincent, Matthew P.
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                                                                                   COUNTRY:
                                                                                                           STATE:
                                                                                                                   ADDRESSEE: Ropes a Unit of Place STREET: One International Place
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FILING DATE: 18-OCT-1993
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Pred. No. 6.3e-69;
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US-08-902-572-2
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Best Local
                                                                                                      APPLICANT: Beach, David H.

TITLE OF INVENTION: INHIBITORS OF
TITLE OF INVENTION: RELATED THERET
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT L
STREET: One Post Office Square
                                                                                                                                                                                                              APPLICANT:
APPLICANT:
COUNTRY: USA
ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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                                                                           STREET: One F
CITY: Boston
STATE: MA
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APPLICATION NUMBER:
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                                                                       MA
                                                                                                                                                                                                                              Lamphere,
                                                                                                                                                                                                                                                Gyuris, Jeno
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (617) 951-7739
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                                                                                                                        HOAG & ELIOT LLP
                                                                                                                                                                     INHIBITORS OF CELL-CYCLE PROGRESSION AND RELATED THERETO
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Pred. No. 6.3e-69;
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RESULT 6
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Publication No. US20030105055A1
GENERAL INFORMATION:
APPLICANT: Demers, G. William
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 100.0%; Score 760; DB 8; Best Local Similarity 100.0%; Pred. No. 1.9e-68; Matches 148; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
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NAME: Vincent, Matthew P.
REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: MIV-069.03
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC
OPERATING SYSTEM:
                                                                                                                                                                 COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/10/247,136
FILING DATE: 18-Sep-2002
CLASSIFICATION: CUNKNOWN>
              NAME: Smith, Timothy L.
REGISTRATION NUMBER: 35,367
REFERENCE/DOCKET NUMBER: 016930-003600US
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
                                                                                       APPLICATION NUMBER: US/09/075,505 FILING DATE: 08-MAY-1998 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                        PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: methods and Compositions for the Treatment of Ocular Diseases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     244 MEPSADWLATAAARGRVEEVRALLEAVALPNAPNSYGRRPIQVMMMGSARVAELLLLHGA 303
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                                                                                                                                                                                                                                                                                                                                                     COUNTRY: USA
ZIP: 94111-3834
TELEPHONE: (415)
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EM: PC-DOS/MS-DOS
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; ORGANISM: Homo sapiens US-09-902-941-1908
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Best Local Similarity
Matches 147; Conserv
                                                                                                                                                                                               Matches
                                                                                                                                                                                                                                                                                                           SEQ ID NO 1908
LENGTH: 156
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                                                                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence
                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/902,941
CURRENT FILLING DATE: 2001-07-10
NUMBER OF SEO ID NOS: 2002
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Bangur, Chaitanya S.
APPLICANT: McNabb, Andria
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C17
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SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                TYPE: PRT
                                                                                                                                                                                               Local Similarity
nes 147; Conserv
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MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO:
               121 YLRAAAGGTRGSNHARIDAAEGPSDIPD 148
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION:
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                                                                                 61 EPNCADPATIITRPVHDAAREGFLDTLVVLHRAGARLDVRDAWGRLPVDLAEELGHRDVAR 120
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                                                                                                                                              1 MEPSADWLATAAARGRVEEVRALLEAVALPNAPNSYGRRPIQVMMMGSARVAELLLLHGA
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EPNCADPATLTRPVHDAAREGFLDTLVVLHRAGARLDVRDAWGRLPVDLAEELGHRDVAR 128
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Fanger, Gary R.
Vedvick, Thomas S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Johnson, Jeilre
Retter, Marc W.
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99.3%;
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99.3%;
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Pred. No. 3.2e-68;
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156
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                                                                                                                                                                                                                            Length 156;
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**CHUICANT: VEGVICK, TATA K.

**APPLICANT: MCNADD, Andria

**TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY

**TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER

**FILE REFERENCE: 210121.478C18

**CURRENT APPLICATION UNMBER: US/10/017,754

**CURRENT FILING DATE: 2001-10-29

**NUMBER OF SEQ ID NOS: 2004

**SOFTWARE: FastEEQ for Windows Version 4.0

**SEQ ID NO 1908

**LENGTH: 156

**TYPE: PRT

**ORGANYTOTE

                                                                                                                ; ORGANISM: Homo sapiens US-10-017-754-1908
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US-10-017-754-1908
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   Query Match
Best Local Similarity
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APPLICANT:
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CURRENT FILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 1926
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 1908
ENGTH: 156
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APPLICANT: Wang, Tongtong
APPLICANT: Switzer, Anne
APPLICANT: McNeill, Patricia
APPLICANT: McNeill, Patricia
APPLICANT: Clapper, Jonathan
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Bangur, Chaitanya
APPLICANT: Fanger, Gary
APPLICANT: Wang, Aijun
APPLICANT: Wang, Tongtong
APPLICANT: Switzer, Anne
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Watanabe, Yoshihiro
Johnson, Jeffrey C.
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99.3%;
       99.1%;
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Score 753; DB 9;
Pred. No. 3.2e-68;
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Pred. No. 3.2e-68;
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                                  Length 156;
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                                                                                                                                                                                                                     ; ORGANISM: Homo sapiens US-10-097-340-41
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                                                                                                                                                                                                                                                                                              SEQ ID NO 41
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL
                                                                                                                                          Matches
                                                                                                                                                          Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches 147; Conservative
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APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 60/324,967
PRIOR ELING DATE: 2001/09/26
PRIOR APPLICATION NUMBER: 60/311,732
PRIOR FILING DATE: 2001-08-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Karen GLATT
TITLE OF INVENTION: Nucleic Acid Molecules and Proteins For The Identification,
TITLE OF INVENTION: Assessment, Prevention, and Therapy of Ovarian Cancer
FILE REFERENCE: MRI-030
CURRENT APPLICATION NUMBER: US/10/097,340
CURRENT FILING DATE: 2002-03-14
PRIOR APPLICATION NUMBER: 60/276,025
PRIOR FILING DATE: 2001-03-14
PRIOR FILING DATE: 2001-09-26
PRIOR FILING DATE: 2001-09-26
PRIOR FILING DATE: 2001-09-26
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                                                                                                                                                                                                                                                                                                                 SOFTWARE: FastSEQ
                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: 60/325,102 PRIOR FILING DATE: 2001-09-26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 60/276,026 PRIOR FILING DATE: 2001-03-14
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61 EPNCADPATLTRPVHDAAREGFLDTLVVLHRAGARLDVRDAWGRLPVDLAEELGHRDVAR 120
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                                                                               1 MEPSADWLATAAARGRVEEVRALLEAVALPNAPNSYGRRPIQVMMMGSARVAELLLLHGA 60
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                                                          MEPSADWLATAAARGRVEEVRALLEAGALPNAPNSYGRRPIQVMMMGSARVAELLLLHGA 68
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Michael MORRISEY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gordon B. MILLS
Robert C. BAST, Jr.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Ami SEN
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99.3%;
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Pred. No. 3.2e-68;
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LOCATION: 1..156
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OTHER INFORMATION: ,
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SEQUENCE DESCRIPTION: SEQ
US-10-247-136-3
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APPLICATION NUMBER: US/09/075,505

FILLING DATE: 08-MAY-1998

ATTORNEY/AGENT INFORMATION:

NAME: Smith, Timothy L.

REGISTRATION NUMBER: 35,367

REFERENCE/DOCKET NUMBER: 016930-003600US

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 576-0300

INFORMATION FOR SEQ ID NO: 3:
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: protein
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Demers, G. William
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                                            YLRAAAGGTRGSNHARIDAAEGPSDIPD 156
                                                                         YLRAAAGGTRGSNHARIDAAEGPSDIPD 148
                                                                                                                             EPNCADPATLTRPVHDAAREGFLDTLVVLHRAGARLDVRDAWGRLPVDLAEELGHRDVAR 120
                                                                                                            EPNCADPATLTRPVHDAAREGFLDTLVVLHRAGARLDVRDAWGRLPVDLAEELGHRDVAR 128
                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 156 amino acids
TYPE: amino acid
STRANDEDNESS: <Unknown>
TOPOLOGY: linear
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FILING DATE: 18-Sep-2002
CLASSIFICATION: <Unknown>
                                                                                                                                                                                 MEPSADWLATAAARGRVEEVRALLEAGALPNAPNSYGERPIQVMMGSARVAELLLLHGA
                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: Protein
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99.3%;
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Pred. No. 3.2e-68;
D; Mismatches 1
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                                               Sequence 28, Application US/08902572
Patent No. US20020068706A1
GENERAL INFORMATION:
APPLICANT: Gyuris, Jeno
APPLICANT: Lamphere, Lou
APPLICANT: Beach, David H.
TITLE OF INVENTION: RELATED THERETO
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US-08-902-572-28
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Best Local 9
                  CORRESPONDENCE ADDRESS
                                   NUMBER OF SEQUENCES:
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   ADDRESSEE:
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ZIP: 02109-2170
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FOLEY, HOAG & ELIOT LLP
                                                                    INHIBITORS OF CELL-CYCLE PROGRESSION AND
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Sequence 26, Application US/08902572
Patent No. US20020068706A1
GENERAL INFORMATION:
APPLICANT: Gyuris, Jeno
APPLICANT: Lamphere, Lou
APPLICANT: Beach, David H.
                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 61/-022 NO: 26: INFORMATION FOR SEQ ID NO: 26: SEQUENCE CHARACTERISTICS: FRNGTH: 237 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: MIT
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
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MEDIUM TYPE: Floppy disk
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OPERATING SYSTEM: PC-DOS/MS-DOS
                                           121 YLRAAAGGTRGSNHARIDAAEGPSDIPD 148
                                                                                      150 EPNCADPATLTRPVHDAAREGFLDTLVVLHRAGARLDVRDAWGRLPVDLAEELGHRDVAR
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                                                                                                           61 EPNCADPATLTRPVHDAAREGFLDTLVVLHRAGARLDVRDAWGRLPVDLAEELGHRDVAR 120
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YLRAAAGGTRGSNHARIDAAEGPSDIPD 237
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One Post Office Square
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29-JUL-1997
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Pred. No. 5.2e-68;
0; Mismatches 1
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Best Local :
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ATTOREY/AGENT INFORMATION:
NAME: VINCENT, Matthew P.
REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: MIV-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
         SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/902,572
                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: LBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: INHIBITORS OF CELL-CYCLE PROGRESSION AND TITLE OF INVENTION: RELATED THERETO
                                                                                                                                                                                                                                                                                                                                   APPLICANT: Gyuris, Jeno
APPLICANT: Lamphere, Lou
APPLICANT: Beach, David H.
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compati
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LENGTH: 252 amino acid
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nt No. US20020068706A1
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                                                                                                                                                                    COUNTRY:
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CITY: E
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
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Pred. No. 5.6e-68;
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Best Local Similarity
Matches 147; Conserv
                                                                                                                                                                   CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08
FILING DATE: 29-UUL-1997
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
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                                               TELEFAX: 617-832-7000 INFORMATION FOR SEQ ID NO:
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                                                                                    TELECOMMUNICATION INFORMATION: TELEPHONE: 617-832-1000
            SEQUENCE CHARACTERISTICS:
LENGTH: 365 amino acid
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MEDIUM TYPE: Floppy disk
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CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HO
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TITLE OF INVENTION: INHIBITORS OF C:
TITLE OF INVENTION: RELATED THERETO
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LENGTH: 334 amino acids
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CITY: E
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                       REFERENCE/DOCKET NUMBER:
                                                                                                                                     NAME: Vincent, Matthew P. REGISTRATION NUMBER: 36,7
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ZIP: 02109-2170
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TOPOLOGY: li
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REFERENCE/DOCKET NUMBER: MIV-069.03
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Copyright (c) 1993 - 2003 Compugen Ltd
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US-08-474-1177-2
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US-08-384-106A-24
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US-09-457-568-8	US-09-457-646-10	US-09-457-646-6	US-09-457-568-10	US-09-457-568-6	US-09-457-646-16	US-09-457-568-16	US-09-457-646-30	US-09-457-646-22	US-09-457-568-22	US-09-457-646-20	US-09-457-568-20	US-09-457-646-24	US-09-457-568-24	US-09-457-646-28	US-09-457-568-28	US-08-910-722-2	US-09-120-131-2
8, 8	Sequence 10, Appl	~		Sequence 6, Appli	•	Sequence 16, Appl	•	Sequence 22, Appl	Sequence 22, Appl	•	•	Sequence 24, Appl	`	Sequence 28, Appl	Sequence 28, Appl	Sequence 2, Appli	Sequence 2, Appli

RESULT 1 US-08-154-915-4

ALIGNMENTS

Sequence 4, Application US/08154915 Patent No. 5618669 GENERAL INFORMATION: PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/963,308
FILING DATE: 16-OCT-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/888,178
ETILING DATE: 26-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/701,514
FILING DATE: 16-MAY-1993
ATTORNEY/AGENT INFORMATION:
NAME: VICCUT MATHEMATION: TELEFAX: (617)
INFORMATION FOR SEQ CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 07/991,997 COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: ASCII(text) CURRENT APPLICATION DATA: SEQUENCE CHARACTERISTICS: TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD APPLICANT: Beach, David
APPLICANT: Xiong, Yue
TITLE OF INVENTION: Cyclin Complex |
TITLE OF INVENTION: Related Thereto
NUMBER OF SEQUENCES: 6 LENGTH: REFERENCE/DOCKET NUMBER: NAME: Vincent, Matthew P. REGISTRATION NUMBER: 36,7 APPLICATION NUMBER: US 0 FILING DATE: 17-DEC-1993 TOPOLOGY: APPLICATION NUMBER: FILING DATE: 19-NO COUNTRY: STREET: 60 St CITY: Boston 02109 amino acid MA E: (617) (617) 22 148 amino acids 60 State Street USA IBM PC compatible linear 19-NOV-1993 ID NO: 227-5941 US/08/154,915 36,709 4.. Complex Rearrangement and Uses

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SEQUENCE CHARACTERISTICS:
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TELECOMMUNICATION INFORMATION: 202-371-2600
                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPOTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3-384-106A-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: InK4c-p18 and InK4d-P19, Inhibitors of TITLE OF INVENTION: Cyclin Dependent Kinases CDK4 and CDK6, and Uses Thereof NUMBER OF SEQUENCES: 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Downing M.D., James
APPLICANT: Hirai Ph.D., Hiroshi
APPLICANT: Okuda, Tsukasa
                                                                                                                                                                              MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: Fox, Samuel L.
REGISTRATION UMBER: 30,353
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                                                                                                                                                                                            STRANDEDNESS:
TOPOLOGY: lin
                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/0 FILING DATE: 06-FEB-1994 CLASSIFICATION: 435
                                                                                                                Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STATE: D.C
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                                                                                                                                                                                                                                           LENGTH:
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                                                                                                                Similarity
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                              amino acid
 EPNCADPATLTRPVHDAAREGFLDTLVVLHRAGARLDVRDAWGRLPVDLAEELGHRDVAR 120
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               E: STERNE, KESSLER, GOLDSTEIN & FOX 1100 New York Ave., N.W.
                                                                                                                                                                                                                                          148 amino acids
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                                                                                                 Conservative
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                                                                                                                                                                                               linear
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                                                                                                                                                                              peptide
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                                                                                                                                                                                                             single
                                                                                              100.0%; Score 760; DB 3;
100.0%; Pred. No. 1.2e-83;
ative 0; Mismatches 0;
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Sequence 4, Applicati
GENERAL INFORMATION:
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RESULT 4
PCT-US93-09945-4
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US-08-384-106A-24
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                                                                                                                                                                                                                                                                             Matches
                                                                                                                                                                                                                                                                                                                Query Match
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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TOPOLOGY: lin
MOLECULE TYPE:
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MEDIUM TYPE: Flopy disk
COMPUTER: IBM FOR COMPATION
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: 06
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION: NAME: Fox, Samuel L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: InK4c-p18 and InK4d-p19, Inhibitors of TITLE OF INVENTION: Cyclin Dependent Kinases CDK4 and CDK6, and Uses Thereof NUMBER OF SEQUENCES: 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/0 FILING DATE: 06-FEB-1994 CLASSIFICATION: 435
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                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: amino acid
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                                                                                                                                                                                                                                                                               148; Conservative
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                                                                                                        121 YLRAAAGGTRGSNHARIDAAEGPSDIPD 148
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                                                                       YLRAAAGGTRGSNHARIDAAEGPSDIPD 148
                                                                                                                                           EPNCADPATLTRPVHDAAREGFLDTLVVLHRAGARLDVRDAWGRLPVDLAEELGHRDVAR 120
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linear
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                                                                                                                                                                                                                                                                                                                                                               peptide
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Application PC/TUS9309945

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FILING DATE: 16-OCT-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/
FILING DATE: 17-DEC-1992
INFORMATION FOR SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local
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TITLE OF INVENTION: Cycl
TITLE OF INVENTION: Ther
NUMBER OF SEQUENCES: 4
COMPUTER READABLE FORM:
FILING DATE: 04-APR-1990
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P.
                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                             APPLICANT: Beacn, During Manuel
APPLICANT: Serrano, Manuel
APPLICANT: Depinho, Ronald A.
APPLICANT: Depinho: Transgenic Animals Having Modified Cell-Cycle
                                                                                                       CURRENT APPLICATION DATA:
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LENGTH: 148 amino acid
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                      COUNTRY: U
ZIP: 02109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 148 amino acids TYPE: amino acid TOPOLOGY: linear
                                                                          APPLICATION NUMBER: US/08/627,610 FILING DATE: 04-APR-1996
                                                                                                                                                                                                                                                        STATE:
                                                                                                                                                                                                                                                                                       STREET:
                                                                                                                                                                                                                                                                                                       ADDRESSEE:
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                                                                                                                                                                                                                                                                      Boston
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US-08-306-511A-2
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US-08-306-511A-2
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Query Match
Best Local Similarity
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                                                                                                                                                 TELEFAX: (617) 227-59
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                            REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: CS:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                               APPLICATION NUMBER: US/08
FILING DATE: 14-SEP-1994
ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P.
REGISTRATION NUMBER: 36,7
                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: ASCII(text)
CURRENT APPLICATION DATA:
                                                                   MOLECULE TYPE:
                                                                                                                                SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Hannon, Gregory J.
TITLE OF INVENTION: Cell-Cycle Regulatry Proteins, and Uses
TITLE OF INVENTION: Related Thereto
NUMBER OF SEQUENCES: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear MOLECULE TYPE: protein
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TELECOMMUNICATION INFORMATION:
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                                                                                                    LENGTH:
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CITY: Boston
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                                                                                 TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: amino acid
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                                                                                                             156 amino acids
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                                                                                                                                                                3: (617)
(617) 22
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                                                                                   linear
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                                                                                                                                                                                                                                                                                                                                                                                  Floppy disk
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Pred. No. 1.3e-83;
Score 760; DB 2; Pred. No. 1.3e-83;
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               Length 156;
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US-08-893-274-2
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FILING DATE: 14-SEPTEMBER-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/248,812
FILING DATE: 25-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION DATA:
US 08/227,371
FILING DATE: 14-APRIL-1994
PRIOR APPLICATION DATA:
14-APRIL-1994
                                                    INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       tent No. 5968821
ENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Demetrick, Douglas J.
APPLICANT: Serrano, Manuel
APPLICANT: Hannon, Gregory J.
TITLE OF INVENTION: Cell-Cycle Regulatory Proteins,
TITLE OF INVENTION: and Uses Related Thereto
NUMBER OF SEQUENCES: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC COMPUTER:
OPERATING SYSTEM: PC-DOS,
SOFTWARE: ASCII(text)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
                                                                                                                                                                                                     FILING DATE: 16-OCTOBER-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
                                                                                                                           TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
             TYPE: amino acid
                                                                                                                                              NAME: Vincent, Matthew P. REGISTRATION NUMBER: 36,709 REFERENCE/DOCKET NUMBER: MIV
                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US 08/154,915 FILING DATE: 18-NOVEMBER-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/08/893,274
FILING DATE: 15-JULY-1997
TOPOLOGY:
                                                                                                           TELEPHONE:
                                                                                                                                                                                                                                      APPLICATION NUMBER:
                                                                                                                                                                                                                                                                              FILING DATE: 17-DECEMBER-1992
                                                                                                                                                                                                                                                                                           APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: UZIP: 02109
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One Post Office Square
                                       156 amino acids
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                                                                    (617) 832-7000
(77) TD NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      USA
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                                                                                                           (617) 832-1000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       David H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                             US 07/991,997
                                                                                                                                                                                                                                      us 07/963,308
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                    PILING DATE: 30-JUN-1995

PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 08/346,147
FILING DATE: 29-NOV-1994

PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 08/306,511
FILING DATE: 14-SEP-1994

PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 08/248,812
FILING DATE: 25-MAY-1994
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                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/08/581,9187
FILING DATE: 02-JAN-1996
CLASSIFICATION 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/497,214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                            PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 07/991,997
APPLICATION NUMBER: 17-DEC-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: WordPad
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESSEE: Foley, Hoag & Eliot
STREET: One Post Office Square
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Hannon, Gregory J.
TITLE OF INVENTION: Cell-Cycle Regulatory Proteins, and Uses
TITLE OF INVENTION: Related Thereto
                                                  ATTORNEY/AGENT INFORMATION
                                                                                                                                                              FILING DATE: 14-APR-PRIOR APPLICATION DATA:
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APPLICATION NUMBER:
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STREET: ...
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                                                                                                                                            APPLICATION NUMBER:
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ZIP: 02109
REFERENCE/DOCKET NUMBER: MIV-071.06
                   NAME: Vincent, Matthew REGISTRATION NUMBER: 3
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o. 6043030
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SYSTEM: PC-DOS/MS-DOS
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02-JAN-1996
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Manue.
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                                                                                                                                                                                                     US 08/227,371
                                                                                                                                              US 08/154,915
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches 148; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Beach, Days, APPLICANT: Demetrick, Douglas J.
APPLICANT: Demetrick, Douglas J.
APPLICANT: Serrano, Manuel
APPLICANT: Hannon, Gregory J.
TITLE OF INVENTION: Cell-Cycle Regulatory Proteins, and Uses
TITLE OF INVENTION: Related Thereto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                           PILING LALL.
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 08/248,812
PRIOR DATE: 25-MAY-1994
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 08/227,371
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                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/346,147B
FILING DATE: 29-NOV-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/306,511
FILING DATE: 14-SEP-1994
APPLICATION NUMBER: US 0'
FILING DATE: 17-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P
                                                                                                                   PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                               SOFTWARE: WordPad
CURRENT APPLICATION DATA:
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                                                                 PRIOR APPLICATION DATA:
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LENGTH: 156 amino acid:
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                                                                                    APPLICATION NUMBER: US 0 FILING DATE: 18-NOV-1993
                                                                                                                                         APPLICATION NUMBER: FILING DATE: 14-AP
                                                                                                                                                                                                                                                                                                                                                                                     OPERATING SYSTEM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Foley, Hoag & Eliot
STREET: One Post Office Square
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(617) 832-7000
TD NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                    E: Floppy disk
IBM PC compati
                                                                                                                                       14-APR-1994
                                                                                                                                                                                                                                                                                                                                                                                    compatible
PC-DOS/MS-DOS
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                                                                                                    US 08/154,915
                                                 us 07/991,997
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Pred. No. 1.3e-83;
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US-08-822-936-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches 148;
                                                                                                 TELEPHONE: (617) 832-1000
TELEFAX: (617) 832-7000
INFORMATION FOR SEQ ID NO: 2:
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Best Local 9
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                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PM PC COMPATIBLE
COMPUTER: PATENT PC-POS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                    REFERENCE/DOCKET NUMBER: MIV-079.05 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                  APPLICATION NUMBER: US/08
FILING DATE: 21-FEBRUARY-
ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P.
MOLECULE TYPE: -822-936-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: POlyak, Kornelia TITLE OF INVENTION: Isolated TITLE OF INVENTION: Molecule TITLE OF INVENTION: and Uses
                                                                                  SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 156 amino acids
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CITY: E
                                                              LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: USA
ZIP: 02109-2170
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                                TOPOLOGY:
                                                                                                                                                                                       REGISTRATION NUMBER:
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REFERENCE/DOCKET NUMBER: MIV-071.04
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6242575
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                                               amino acid
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                                                              156 amino acids
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One Post Office Square
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Koff, Andrew
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(617) 832-7000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Roberts, James M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Massague, Joan
                               linear
              protein
                                                                                                                                                                                                                                        21-FEBRUARY-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Isolated P27 Protein, Nucleic Acid Molecules Encoding Same, Methods of Identifying Agents Acti and Uses of Said Agents
10
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                                                                                                                                                                                                                                                           US/08/822,936
                                                                                                                                                                                   36,709
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RESULT 11
US-08-497-214D-2
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Best Local Similarity
                                                                                                                                                                                                                                      APPLICATION NUMBER: US 08/346,147
FILING DATE: 29-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/306,511
FILING DATE: 14-SEP-1994
PRIOR APPLICATION NUMBER: US 08/248,812
FILING DATE: 25-MAY-1994
PRIOR APPLICATION NUMBER: US 08/248,812
FILING DATE: 25-MAY-1994
PRIOR APPLICATION NUMBER: US 08/227,371
FILING DATE: 14-APR-1994
PRIOR APPLICATION NUMBER: US 08/154,915
APPLICATION NUMBER: US 08/154,915
FILING DATE: 18-NOV-1993
                                          TELEFAX: (617) 832-7000 INFORMATION FOR SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
APPLICANT:
APPLICANT:
                                                                         REGISTRATION NUMBER: 36,709
REFERENCE/OCCKET NUMBER: MIV-071.05
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 832-1299
                       SEQUENCE CHARACTERISTICS:
                                                                                                                                                FILING DATE: 17-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/08/497,214D
FILING DATE: 30-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: WORDPAD CURRENT APPLICATION DATA:
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ADDRESSEE: Foley, Hoag & Eliot
STREET: One Post Office Square
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ENERAL INFORMATIO
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Serrano, Manuel
APPLICANT: Hannon, Gregory J.
TITLE OF INVENTION: Cell-Cycle Regulatory Proteins, and Uses
TITLE OF INVENTION: Related Thereto.
NUMBER OF SEQUENCES: 47
                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: 1
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CITY: Boston
STATE: MA
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OPERATING SYSTEM: PC-DOS/MS-DOS
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       156 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 760; DB 4; 100.0%; Pred. No. 1.3e-83;
                                                                                                                                                                                                         us 07/991,997
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GENERAL INFORMATION:
                                                                                                                                                                                                       Matches 148; Conservative
                                                                                                                                                                                                                                      Query Match
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 14-APR-19
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 25-MAY-PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0
FILING DATE: 25-MAY-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OPERATING SYSTEM: PC-I
SOFTWARE: ASCII(text)
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                            MOLECULE TYPE: protein
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
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TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                 TYPE: amino acid TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE
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                                                                                                                                                                                                                       Match 100.0%;
Local Similarity 100.0%;
                                                                                                                                                                                                                                                                                                                                                  LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER:
121 YLRAAAGGTRGSNHARIDAAEGPSDIPD 148
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                                                                          EPNCADPATLTRPVHDAAREGFLDTLVVLHRAGARLDVRDAWGRLPVDLAEELGHRDVAR 120
                                                                                                                              MEPSADWLATAAARGRVEEVRALLEAVALPNAPNSYGRRPIQVMMMGSARVAELLLLHGA 60
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RESULT 14
US-09-457-568-4
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: MCATCHUR, James G
APPLICANT: Gyuris, Jeno
APPLICANT: Finer, Mitchell H
TITLE OF INVENTION: Methods and Reagents for Inhibiting Proliferation of
TITLE OF INVENTION: Smooth Muscle Cells
FILE REFERENCE: 106482.691
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US-08-589-981-2
                                                                                                                                  Sequence 4, Application US/09457568 Patent No. 6413943
                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches 148;
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GENERAL INFORMATION:
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NFORMATION FOR SEQ ID NO:
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TITLE OF INVENTION: Inhibitors of Cell-Cycle Progression.

TITLE OF INVENTION: and Uses Related Thereto

NUMBER OF SEQUENCES: 4
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LENGTH: 391 amino acids
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NAME: Vincent, Matthew P.
REGISTRATION NUMBER: 36,7
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REFERENCE/DOCKET NUMBER: MII-069
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Pred. No. 4.6e-83;
Mismatches 0;
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EARLIER APPLICATION NUMBER: 60/122,974
EARLIER FILING DATE: 1999-03-01
EEARLIER APPLICATION NUMBER: 60/163,682
EARLIER FILING DATE: 1999-11-05
NUMBER OF SEO ID NOS: 32
SOFTMARE: Patentin Ver: 2.0
SEQ ID NO 4
LENGTH: 391
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US-09-457-646-4
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CURRENT FILING DATE: 1999-12-09
EARLIER APPLICATION NUMBER: 60/122,974
EARLIER FILING DATE: 1999-03-01
EARLIER APPLICATION NUMBER: 60/163,682
EARLIER FILING DATE: 1999-11-05
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin Ver. 2.0
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APPLICANT: Patel, Salil D
APPLICANT: McArthur, James G
APPLICANT: Gyuris, Jeno
TITLE OF INVENTION: Methods and Reagents for Inhibiting Proliferation
TITLE OF INVENTION: Smooth Muscle Cells
FILE REFERENCE: 106482.287
                                                                                                                                                                                                            Matches
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Best Local (
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ORGANISM: Homo sapiens
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                                                                                                                             61 EPNCADPATLTRPVHDAAREGFLDTLVVLHRAGARLDVRDAWGRLPVDLABELGHRDVAR 120
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                              YLRAAAGGTRGSNHARIDAAEGPSDIPD 148
                                                             EPNCADPATLTRPVHDAAREGFLDTLVVLHRAGARLDVRDAWGRLPVDLAEELGHRDVAR
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YLRAAAGGTRGSNHARIDAAEGPSDIPD 391
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Pred. No. 4.6e-83;
; Mismatches 0;
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Pred. No. 4.6e-83;
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Search completed: June 18, 2003, 10:10:04 Job time : 15 secs